

5BB Mono solar cells

MECHANICAL DATA AND DESIGN

Dimension	156.75*156.75mm ± 0.5mm
Thickness	200 μ m ± 30 μ m, 180 μ m ± 20 μ m
Front(-)	Acid texturized surface with Silicon nitride anti-reflecting coating
Back(+)	Aluminum back surface field 5*3 soldering pads, 2mm ± 0.15mm wide bus bars Distance between bus bars: 31.2mm



TEMPERATURE COEFFICIENTS

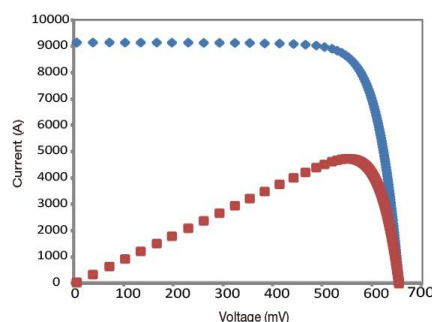
Tk Current	+0.043%/°C
Tk Voltage	-0.30%/°C
Tk Power	-0.38%/°C

Eff	Pmax	Vmp	Imp	Voc	Isc
21.40%	5.23W	0.571V	9.156A	0.671V	9.675A
21.20%	5.18W	0.569V	9.104A	0.671V	9.646A
21.00%	5.13W	0.565V	9.084A	0.666V	9.626A
20.80%	5.08W	0.561V	9.059A	0.663V	9.608A
20.60%	5.03W	0.557V	9.041A	0.659V	9.587A
20.40%	4.98W	0.552V	9.031A	0.654V	9.572A
20.20%	4.94W	0.547V	9.027A	0.648V	9.570A

INTENSITY DEPENDENCE

Intensity[W/M ²]	Isc	Voc
1000	1.0	1.000
900	0.9	0.995
500	0.5	0.969
300	0.3	0.946
200	0.2	0.929

Typical IV-Power Curve



Typical Spectral Response

